SEQUENCE LISTING

<110> Jardetzky, Theodore S.
Wurzburg, Beth A.

<120> THREE-DIMENSIONAL MODEL OF A Fc REGION OF AN IgE ANTIBODY AND USES THEREOF

<130> AL-9-C2

<140> not yet assigned
<141> 2001-03-15

<150> 60/234,877
<151> 2000-09-22

<150> 60/189,403
<151> 2000-03-15

<160> 2

<170> PatentIn Ver. 2.1

<210> 1
<211> 669
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)..(666)

<400> 1

```
gcg gat ccc tgt gat tcc aac ccg aga ggg gtg agc gcc tac cta agc   48
Ala Asp Pro Cys Asp Ser Asn Pro Arg Gly Val Ser Ala Tyr Leu Ser
  1               5                  10                  15

cgg ccc agc ccg ttc gac ctg ttc atc cgc aag tcg ccc acg atc acc   96
Arg Pro Ser Pro Phe Asp Leu Phe Ile Arg Lys Ser Pro Thr Ile Thr
             20                  25                  30

tgt ctg gtg gtg gac ctg gca ccc agc aag ggg acc gtg aac ctg acc   144
Cys Leu Val Val Asp Leu Ala Pro Ser Lys Gly Thr Val Asn Leu Thr
         35                  40                  45

tgg tcc cgg gcc agt ggg aag cct gtg aac cac tcc acc aga aag gag   192
Trp Ser Arg Ala Ser Gly Lys Pro Val Asn His Ser Thr Arg Lys Glu
     50                  55                  60
```

```
gag aag cag cgc aat ggc acg tta acc gtc acg tcc acc ctg ccg gtg   240
Glu Lys Gln Arg Asn Gly Thr Leu Thr Val Thr Ser Thr Leu Pro Val
 65                  70                  75                  80

ggc acc cga gac tgg atc gag ggg gag acc tac cag tgc agg gtg acc   288
Gly Thr Arg Asp Trp Ile Glu Gly Glu Thr Tyr Gln Cys Arg Val Thr
                 85                  90                  95

cac ccc cac ctg ccc agg gcc ctc atg cgg tcc acg acc aag acc agc   336
His Pro His Leu Pro Arg Ala Leu Met Arg Ser Thr Thr Lys Thr Ser
            100                 105                 110

ggc ccg cgt gct gcc ccg gaa gtc tat gcg ttt gcg acg ccg gag tgg   384
Gly Pro Arg Ala Ala Pro Glu Val Tyr Ala Phe Ala Thr Pro Glu Trp
        115                 120                 125

ccg ggg agc cgg gac aag cgc acc ctc gcc tgc ctg atc cag aac ttc   432
Pro Gly Ser Arg Asp Lys Arg Thr Leu Ala Cys Leu Ile Gln Asn Phe
    130                 135                 140

atg cct gag gac atc tcg gtg cag tgg ctg cac aac gag gtg cag ctc   480
Met Pro Glu Asp Ile Ser Val Gln Trp Leu His Asn Glu Val Gln Leu
145                 150                 155                 160

ccg gac gcc cgg cac agc acg acg cag ccc cgc aag acc aag ggc tcc   528
Pro Asp Ala Arg His Ser Thr Thr Gln Pro Arg Lys Thr Lys Gly Ser
                165                 170                 175

ggc ttc ttc gtc ttc agc cgc ctg gag gtg acc agg gcc gaa tgg gag   576
Gly Phe Phe Val Phe Ser Arg Leu Glu Val Thr Arg Ala Glu Trp Glu
            180                 185                 190

cag aaa gat gag ttc atc tgc cgt gca gtc cat gag gca gcg agc ccc   624
Gln Lys Asp Glu Phe Ile Cys Arg Ala Val His Glu Ala Ala Ser Pro
        195                 200                 205

tca cag acc gtc cag cga gcg gtg tct gta aat ccc ggt aaa tga       669
Ser Gln Thr Val Gln Arg Ala Val Ser Val Asn Pro Gly Lys
    210                 215                 220
```

<210> 2
<211> 222
<212> PRT
<213> Homo sapiens

<400> 2

```
Ala Asp Pro Cys Asp Ser Asn Pro Arg Gly Val Ser Ala Tyr Leu Ser
 1               5                  10                  15

Arg Pro Ser Pro Phe Asp Leu Phe Ile Arg Lys Ser Pro Thr Ile Thr
            20                  25                  30

Cys Leu Val Val Asp Leu Ala Pro Ser Lys Gly Thr Val Asn Leu Thr
        35                  40                  45

Trp Ser Arg Ala Ser Gly Lys Pro Val Asn His Ser Thr Arg Lys Glu
    50                  55                  60

Glu Lys Gln Arg Asn Gly Thr Leu Thr Val Thr Ser Thr Leu Pro Val
65                  70                  75                  80

Gly Thr Arg Asp Trp Ile Glu Gly Glu Thr Tyr Gln Cys Arg Val Thr
                85                  90                  95

His Pro His Leu Pro Arg Ala Leu Met Arg Ser Thr Thr Lys Thr Ser
            100                 105                 110

Gly Pro Arg Ala Ala Pro Glu Val Tyr Ala Phe Ala Thr Pro Glu Trp
        115                 120                 125

Pro Gly Ser Arg Asp Lys Arg Thr Leu Ala Cys Leu Ile Gln Asn Phe
    130                 135                 140

Met Pro Glu Asp Ile Ser Val Gln Trp Leu His Asn Glu Val Gln Leu
145                 150                 155                 160

Pro Asp Ala Arg His Ser Thr Thr Gln Pro Arg Lys Thr Lys Gly Ser
                165                 170                 175

Gly Phe Phe Val Phe Ser Arg Leu Glu Val Thr Arg Ala Glu Trp Glu
            180                 185                 190

Gln Lys Asp Glu Phe Ile Cys Arg Ala Val His Glu Ala Ala Ser Pro
        195                 200                 205

Ser Gln Thr Val Gln Arg Ala Val Ser Val Asn Pro Gly Lys
    210                 215                 220
```